



## CAMELLIA PLANT NAMED 'CLASSIC PINK'

Genus: CAMELLIA

Species: *japonica*

Denomination: 'CLASSIC PINK'

### BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar of CAMELLIA that is grown as an ornamental evergreen flowering shrub. The new cultivar is known botanically as *CAMELLIA japonica* and will be referred to hereinafter by the cultivar name 'CLASSIC PINK'.

In 1962, the inventor commenced a Camellia breeding program whose primary objective was the development of varieties with significantly increased cold hardiness, thereby affording consumers in colder regions the opportunity to enjoy Camellias. In addition to breeding for greater cold tolerance, the inventor has sought to develop varieties with novel and attractive flower colors and forms, and increased resistance to disease. During the ensuing forty year period, many thousands of unreleased hybrids have been developed by controlled crossing of parents drawn from named (commercially available) cultivars and also drawn from the inventor's own pool of unreleased varieties. Seedlings from these crosses were grown on into mature plants within the inventor's test garden in Chapel Hill, North Carolina. Included in these grow-out trials were seedlings resulting from a cross made in 1964, as described below, including a single seedling known to the inventor as Camellia 60-0-6. Camellia 60-0-6 was grown to a mature size, along with other selections from the breeding program, until it was eventually selected by the inventor after the winter of 1985, and later named 'CLASSIC PINK'.

The winter of 1985 was exceptionally severe for the Chapel Hill, North Carolina vicinity. Minimum temperatures of -9 degrees Fahrenheit were recorded, at which temperatures Camellias are generally killed outright, rather than merely defoliated. Many large plants from the inventor's breeding program were killed outright under these conditions. A small number of varieties survived, including 'CLASSIC PINK' which suffered no damage to its wood and only minor injury to the foliage. The inventor determined that 'CLASSIC PINK' is inherently exceptionally cold hardy for Camellias.

'CLASSIC PINK' arose as a single plant from a group of seedlings resulting from the deliberate crossing made by the inventor in 1964 between Camellia japonica 'Kumasaka' (unpatented) as male parent, and Camellia japonica 'Berenice Boddy' (U.S. Plant Patent Number 605) as female parent.

'CLASSIC PINK' differs from the parents as follows:

Camellia japonica 'Kumasaka' is a peony form of Camellia with rose-red flowers and good cold-hardiness, to USDA Hardiness Zone 6b. It is mid- to late- season blooming and has a compact growth habit.

Camellia japonica 'Berenice Boddy' is semi-double light pink flowered form of Camellia which is early- to mid- season blooming. It is not hardy in regions colder than USDA Hardiness Zone 7.

'CLASSIC PINK' is at least as hardy as Camellia japonica 'Kumasaka' but later blooming. In addition, the flowers of 'CLASSIC PINK' are very light pink: lighter pink and more formally double than Camellia japonica 'Berenice Boddy'.

The distinguishing traits of 'CLASSIC PINK' are its exceptional cold hardiness combined with attractive plant form comprising compact growth and dark green leaves. The pale pink flowers are novel within the set of cold hardy (to USDA Zone 6) Camellias known to the inventor. The lateness of the bloom period for 'CLASSIC PINK' allows 'CLASSIC PINK' to better avoid damage from late spring frosts.

The first asexual reproduction of 'CLASSIC PINK' was conducted by the inventor in 1989 at the inventor's nursery and test garden in Chapel Hill, North Carolina. The method used for asexual propagation was rooting of semi-hard internodal stem cuttings. The inventor has since determined that 'CLASSIC PINK' reduces true to type

in successive generations of asexual reproduction. The characteristics of 'CLASSIC PINK' have been determined stable during successive generations.

## SUMMARY OF THE INVENTION

The following traits have been repeatedly observed and represent the characteristics of the new *CAMELLIA* cultivar 'CLASSIC PINK'. These traits in combination distinguish 'CLASSIC PINK' from all other varieties known to the inventor. 'CLASSIC PINK' has not been tested under all possible conditions and phenotypic differences may be observed with variations in environmental, climatic and cultural conditions, without however, any difference in genotype.

1. 'CLASSIC PINK' is one of the most cold-hardy Camellias known to the inventor. It has withstood temperatures of -9 degrees Fahrenheit without injury, a temperature at which most Camellia cultivars are killed outright.
2. 'CLASSIC PINK' has an attractive compact plant form
3. The foliage of 'CLASSIC PINK' is very dark glossy green
4. The flowers of 'CLASSIC PINK' are very pale pink and formal double in form, which combination is considered by the inventor to be new to cold hardy Camellias.
5. 'CLASSIC PINK' is sufficiently late to bloom that it mostly avoids injury from late spring frosts.

## BRIEF DESCRIPTION OF THE DRAWINGS

The accompanying two color drawings illustrate the overall appearance of the new cultivar 'CLASSIC PINK' showing the colors as true as it is reasonably possible to obtain in colored reproductions of this type. Colors in the photographs may differ from the color values cited in the detailed botanical description, which accurately describe the actual colors of the new variety of *CAMELLIA* named 'CLASSIC PINK'.

The drawing labeled as Figure 1 (on sheet 1) illustrates a 30 months old (from a cutting) plant of 'CLASSIC PINK' growing in a one gallon container.

The drawing labeled as Figure 2 (on sheet 2) illustrates a close-up view of a single flower of 'CLASSIC PINK'.

All drawings were made using conventional techniques and although colors may appear different from actual colors due to light reflectance they are as accurate as possible by conventional photography.

#### BOTANICAL DESCRIPTION OF THE PLANT

The following is a detailed description of 'CLASSIC PINK' as grown in an open-sided unheated polythene tunnel structure in Chapel Hill, North Carolina. Data was collected in March and April from plants approximately four years old and growing in a 3 gallon container. The color determinations are in accordance with the 1995 Royal Horticultural Society Colour Chart of the Royal Horticultural Society, London, England, except where general color terms of ordinary dictionary significance are used. The growing requirements are similar to the species.

Family: Theaceae

Botanical classification: *CAMELLIA japonica*

Genus: *CAMELLIA*

Species: *japonica*.

Variety Denomination: 'CLASSIC PINK'

Common name: Japanese Camellia

Use: Evergreen flowering plant for the landscape.

Container size: Suggested container sizes for planting: 1 gallon, 3 gallon, and above.

Cultural requirements: Plant in woodland setting, sun to partial shade with regular water and well-drained acidic to neutral soil.

Parentage:

*CAMELLIA japonica* 'Kumasaka' (Male parent)

*CAMELLIA japonica* '~~Bernice Boddy~~' Berenice Boddy (Female parent)

Sexuality: None

Plant description:

Bloom period: Flowers start to open in mid-March and continue blooming until early May. Peak bloom is in April.

Plant habit: Compact, dense, upright.

Vigor: Less vigorous (slower growing) than most Camellias.

Dimensions:

Mature height: approximately 3 meters

Mature width (spread): approximately 2 meters

Hardiness: USDA Zone 6B.

Root system: Mostly fibrous; can make woody taproot.

Propagation: Propagation is accomplished semi-hardwood stem cuttings.

Time to develop roots: 3 – 4 months.

Air temperature for rooting: 15 - 25° Centigrade.

Crop time: A well-rooted liner can be produced in the first year, and a blooming plant in a 1 gallon pot in two years, with flowering on the previous season's growth.

Three to four years can be required to produce a well-branched, well-budded, plant in a three gallon container.

Disease and pest susceptibility: 'CLASSIC PINK' is neither less nor more susceptible than the species and other cultivars generally to Camellia flower blight, tea scale, oyster scale and Camellia scale.

Trunk:

Trunk shape: Cylindrical.

Main trunk dimensions: Up to 15cm in diameter and 3 meters in height at maturity.

Trunk surface: Slightly rough

Trunk color: Greyed-white 156C

Lenticels: absent

Branches:

Branching: Typically one trunk with side branches starting low and alternately spaced towards the top where multiple leaders develop.

Branch shape: Cylindrical

Branch surface: Slightly rough

~~Branch color: 156C~~

Branch angle at emergence: 45 degrees

Dimensions of branch of a mature plant: 1 meter in length and 1 - 2 cm. in diameter.

5      Branch color: Colors 174B and 165A are both individually present on individual mature branches.

Internode length: 2.0 – 2.5 cm. between nodes.

Foliage:

Type: Evergreen.

10      Arrangement: Alternate.

Leaf shape: Lanceolate.

Leaf margins: Finely serrate.

Division: Simple.

Apex: Acuminate

15      Base: Cuneate.

Leaf surfaces (adaxial and abaxial): Glabrous.

Leaf dimensions: 9 -11 cm. in length and 4 – 5 cm. in width.

Leaf color (adaxial surface): 139A

Leaf color (abaxial surface): 137C

20      Venation pattern: Pinnate.

Vein color (adaxial surface): 137C

Vein color (~~adaxial surface~~) (abaxial surface): 139A

Attachment: Petiolate.

Petiole color: 141C.

25      Petiole shape: Round

Petiole surface: Smooth

Petiole dimensions: 11 mm in length and 2 mm. in width.

Fragrance: None ~~When crushed, slight smell of vegetation.~~

Flowers:

30      Inflorescence type: Solitary, formal double (absence of anthers or stigmas)

Attachment: Sessile

Arrangement: Flowers occur at end of branches or at 1, 2 or 3 nodes from the branch tip.

Flowers per branch: On average, approximately 16 flowers per branch; within the range 10 per branch to 25 per branch.

Flower shape: Circular, radially symmetrical.

Flower aspect: Generally facing upwards; occasionally facing to the side or downwards

Flower persistent or self-cleaning: self-cleaning

Flower diameter: Ranges from 80mm to 105mm

Flower depth: Ranges from 32mm to 52mm.

Flower color:

Petals (both surfaces) 69D, except white 155B at base

Petal number: Ranges from 60 – 100 petals in each flower.

Petal surface: Smooth, slightly cupped.

Petal length (newly opened and flattened): 25mm

Petal length (oldest petals): 45mm

Petal width (newly opened and flattened): 18mm

Petal width (oldest petals): 25mm

Petal shape: Obovate

Petal apex: Cuspidate

Petal base: Cuneate

Fused or unfused: Unfused.

Petal margin: Smooth

Bud:

Shape: Cuspidate

Color (sepals):

Sepals towards base: Between 141C and 141D

Sepals near apex: Between 142B and 142C

Dimensions (just prior to opening): 3.6cm in length and 2.5 cm. in width.

Calyx:

Dimensions: 2.1cm in depth and 3.2cm in diameter

|    |  |
|----|--|
|    | Surface: Finely pubescent  |
|    | Color: 141C  |
|    | Sepals: Eleven in number   |
|    | Shape: Reniform  |
| 5  | <u>Color (both surfaces): 141C</u>   |
|    | <u>Dimensions (fully developed flower): Length: 15mm; Width: 18mm</u>  |
|    | Apex: Emarginate   |
|    | Margins: Fine hairs, feathered edge, sometimes brown and dry   |
|    | Fragrance: None  |
| 10 | Reproductive organs: <del>None observed: all flower parts appear to be changed to petals.</del>                                      |
|    | Stamens: <del>None apparent, although inventor has noted o</del> Occasional barely visible malformed stamens, too small to describe. |
|    | Anthers: <del>None apparent, although inventor has observed what appear to be</del>  |
| 15 | <u>Occasional</u> tiny, three in number possibly, aborted anthers at the floral center.  |
|    | Ovary: None observed   |
|    | Seed: None observed  |



## CLAIM

A new and distinct cultivar of *CAMELLIA* plant named 'CLASSIC PINK'  
as described and illustrated herein.

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## ABSTRACT

A new cultivar of *CAMELLIA* named 'CLASSIC PINK' that is characterized by exceptional cold-hardiness, an attractive compact plant form with very dark glossy green foliage, and formal double very pale pink flowers which are late to bloom. In combination these traits set 'CLASSIC PINK' apart from all other existing varieties of *CAMELLIA* known to the inventor.